

Please type a plus sign (+) inside this box

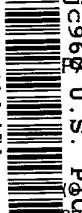
01-12-01

PTO/SB/05 (12/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

 UTILITY PATENT APPLICATION TRANSMITTAL Only for new nonprovisional applications under CFR 1.53(b)	Attorney Docket No.	THOLAM P139US
	First Named Inventor or Appln Identified: Kenneth Lloyd WESTRA and Brian MOORE	
	Title: A METHOD OF MAKING A HIGH RELECTIVITY MICRO MIRROR AND A MICRO MIRROR	
	Express Mail Label No.	EL469354468US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
---	---

1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).
2. <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
3. <input checked="" type="checkbox"/> Specification (Total Pages) [39] (preferred arrangement set forth below)	8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)
• Descriptive title of the invention	a. <input type="checkbox"/> Computer Readable Form (CRF)
• Cross References to Related Applications	b. <input type="checkbox"/> Specification Sequence Listing on:
• Statement Regarding Fed sponsored R & D	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
• Reference to Microfiche Appendix	ii. <input type="checkbox"/> paper
• Background of the Invention	c. <input type="checkbox"/> Statements verifying identity of above copies
• Brief Summary of the Invention	


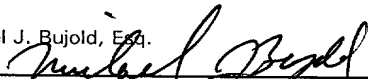
• Brief Description of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS
• Detailed Description	
• Claim(s)	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
• Abstract of the Disclosure	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Pages) [12]	11. <input type="checkbox"/> English Translation Document (if applicable)
5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [4]	12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	13. <input type="checkbox"/> Preliminary Amendment
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
	16. <input checked="" type="checkbox"/> Other: Express Mail Certificate

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: ____ / ____
Prior application information: Examiner _____ Group/Art Unit: _____

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 020210 Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America	PATENT & TRADEMARK OFFICE  020210	<input type="checkbox"/> Correspondence address below Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@tiac.net
Name: Michael J. Bujold, Esq. Signature: 	Registration No.: 32,018 Date: January 11, 2001	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<div style="display: flex; align-items: center;"> <div> <p>FEE TRANSMITTAL</p> <p>for FY 2000-01</p> <p>Patent fees are subject to annual revision Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p> </div> </div>		<p><i>Complete if Known</i></p>																																																																																																																																																																			
<p>Application No.</p> <p>Filing Date</p> <p>First Named Inventor</p> <p>Group Art Unit</p> <p>Examiner Name</p>		<p>Kenneth Lloyd WESTRA and Brian MOORE</p>																																																																																																																																																																			
<p>TOTAL AMOUNT OF PAYMENT: \$ 1213</p>		<p>Attorney Docket No.</p> <p>THOLAM P139US</p>																																																																																																																																																																			
<p>METHOD OF PAYMENT (check one)</p>		<p>FEE CALCULATION (continued)</p>																																																																																																																																																																			
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 04-0213</p> <p>Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee/oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for re-examination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Ext.for reply w/in 1 mon</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Ext.for reply w/in 2 mon</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Ext.for reply w/in 3 mon</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Ext.for reply w/in 4 mon</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Ext.for reply w/in 5 mon</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (for reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petition related to provisional applns.</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Info.Disclo.Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording ea. patent assignment per property (times No.of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For ea.additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee/oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for re-examination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Ext.for reply w/in 1 mon		116	390	216	195	Ext.for reply w/in 2 mon		117	890	217	445	Ext.for reply w/in 3 mon		118	1,390	218	695	Ext.for reply w/in 4 mon		128	1,890	228	945	Ext.for reply w/in 5 mon		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a Brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (for reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petition related to provisional applns.		126	240	126	240	Submission of Info.Disclo.Stmt.		581	40	581	40	Recording ea. patent assignment per property (times No.of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For ea.additional invention to be examined (37 CFR 1.129(b))	
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																
105	130	205	65	Surcharge-late filing fee/oath																																																																																																																																																																	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																	
139	130	139	130	Non-English specification																																																																																																																																																																	
147	2,520	147	2,520	For filing a request for re-examination																																																																																																																																																																	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																	
115	110	215	55	Ext.for reply w/in 1 mon																																																																																																																																																																	
116	390	216	195	Ext.for reply w/in 2 mon																																																																																																																																																																	
117	890	217	445	Ext.for reply w/in 3 mon																																																																																																																																																																	
118	1,390	218	695	Ext.for reply w/in 4 mon																																																																																																																																																																	
128	1,890	228	945	Ext.for reply w/in 5 mon																																																																																																																																																																	
119	310	219	155	Notice of Appeal																																																																																																																																																																	
120	310	220	155	Filing a Brief in support of an appeal																																																																																																																																																																	
121	270	221	135	Request for oral hearing																																																																																																																																																																	
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																	
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																	
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																	
142	1,240	242	620	Utility issue fee (for reissue)																																																																																																																																																																	
143	440	243	220	Design issue fee																																																																																																																																																																	
144	600	244	300	Plant issue fee																																																																																																																																																																	
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																	
123	50	123	50	Petition related to provisional applns.																																																																																																																																																																	
126	240	126	240	Submission of Info.Disclo.Stmt.																																																																																																																																																																	
581	40	581	40	Recording ea. patent assignment per property (times No.of properties)																																																																																																																																																																	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																	
149	710	249	355	For ea.additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																	
<p>1. FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provision filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>\$355</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee		106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provision filing fee		SUBTOTAL (1)					\$355	<p>2. CLAIMS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra</th> <th>Fee From Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims 62-20 = 42</td> <td>x \$18 (\$9) =</td> <td>378</td> <td></td> </tr> <tr> <td>Ind. Claims 14- 3 = 11</td> <td>x \$80 (\$40) =</td> <td>440</td> <td></td> </tr> <tr> <td>Mult.Ind.Claims 0 =</td> <td>\$270 (\$135) =</td> <td>0</td> <td></td> </tr> </tbody> </table> <p>** or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td>\$ 818</td></tr> </tbody> </table>			Extra	Fee From Below	Fee Paid	Total Claims 62-20 = 42	x \$18 (\$9) =	378		Ind. Claims 14- 3 = 11	x \$80 (\$40) =	440		Mult.Ind.Claims 0 =	\$270 (\$135) =	0		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim	109	80	209	40	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					\$ 818																																																																				
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																
101	710	201	355	Utility filing fee																																																																																																																																																																	
106	320	206	160	Design filing fee																																																																																																																																																																	
107	490	207	245	Plant filing fee																																																																																																																																																																	
108	710	208	355	Reissue filing fee																																																																																																																																																																	
114	150	214	75	Provision filing fee																																																																																																																																																																	
SUBTOTAL (1)					\$355																																																																																																																																																																
	Extra	Fee From Below	Fee Paid																																																																																																																																																																		
Total Claims 62-20 = 42	x \$18 (\$9) =	378																																																																																																																																																																			
Ind. Claims 14- 3 = 11	x \$80 (\$40) =	440																																																																																																																																																																			
Mult.Ind.Claims 0 =	\$270 (\$135) =	0																																																																																																																																																																			
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																	
103	18	203	9	Claims in excess of 20																																																																																																																																																																	
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																	
104	270	204	135	Multiple dependent claim																																																																																																																																																																	
109	80	209	40	**Reissue independent claims over original patent																																																																																																																																																																	
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																	
SUBTOTAL (2)					\$ 818																																																																																																																																																																
<p>SUBMITTED BY</p> <p>Typed or Printed Name: Michael J. Bujold, Esq.</p> <p>Signature: </p>		<p>Completed (if applicable)</p> <p>Registration Number: 32,018</p> <p>Date: January 11, 2001</p> <p>Deposit Account User ID: 04-0213</p>																																																																																																																																																																			

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Kenneth Lloyd WESTRA and Brian MOORE
For : A METHOD OF MAKING A HIGH RELECTIVITY
MICRO MIRROR AND A MICRO MIRROR
Docket : THOLAM P139US

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EL469354468US**

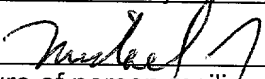
Date of Deposit: January 11, 2001

I hereby state that the following attached paper or fee:

Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Specification/Claims/Abstract- 39pgs.;
Drawings (Figs. 1-21)- 12pgs.;
Declaration & Power of Atty- 4pgs.;
Assignment & Cover-2 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1pg.; 13 Citations;
Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Michael J. Bujold, Esq.



Signature of person mailing paper or fee

NOTE: *The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.*